

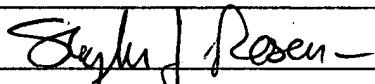


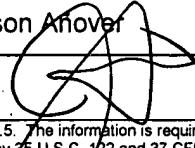
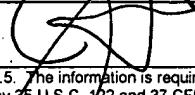
TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

TRANSMITTAL FORM <i>(To be used for all correspondence after initial filing)</i>	Application Number	10/655,073
	Filing Date	September 4, 2003
	First Named Inventor	Ralf M. Luche
	Art Unit	
	Examiner Name	
	Attorney Docket No.	200125.418C1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement; Form PTO-1449 <input checked="" type="checkbox"/> Cited Reference <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> CD(s), Number of CD(s) _____ <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Additional Enclosure(s) (please identify below): <hr/> <hr/> <hr/> <hr/>
<u>Remarks</u>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Individual Name	Stephen J. Rosenman, Ph.D.	Customer Number 00500
Signature		
Date	December 23, 2003	

CERTIFICATE OF TRANSMISSION/MAILING		
<p>I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.</p>		
Typed or printed name	Jason Anover 	
Signature		
		Date: December 23, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
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PATENT

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Jason Añover

A handwritten signature in black ink, appearing to read "JASON ANOVER". It is written over a horizontal line that extends from the "Date" field and ends under the "IN THE UNITED STATES PATENT AND TRADEMARK OFFICE" section.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ralf M. Luche et al.
Application No. : 10/655,073
Filed : September 4, 2003
For : DSP-11 DUAL-SPECIFICITY PHOSPHATASE

Docket No. : 200125.418C1
Date : December 23, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached Form PTO-1449. This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application No. 09/619,380, filed July 19, 2000. The references listed on the attached Forms PTO-1449 were submitted to and/or cited by the Patent and Trademark Office in this prior application and, therefore, are not required to be provided in this application. If the Examiner wishes, copies will be provided upon request. However, reference BQ (AK000449) on page 2 of the attached Form PTO-1449, is provided in this application, which was cited in a search report for a related application PCT/US00/19710. As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse

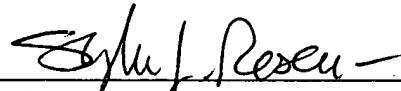
or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



Stephen J. Roseman, Ph.D.

Registration No. 43,058

Enclosures:

- Postcard
- Form PTO-1449
- Cited Reference (1)

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443280

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 200125.408C2	APPLICATION NO. 10/658,661
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Ralf M. Luche et al.			
		FILING DATE September 8, 2003		GROUP ART UNIT	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AG	WO 95/21923	08/17/95	WIPO		
	AH	WO 97/00315	01/03/97	WIPO		
	AI	WO 97/06245	02/20/97	WIPO		
	AJ	WO 98/04712	02/05/98	WIPO		

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

AK	Adams and Cory, "The Bcl-2 Protein Family: Arbiters of Cell Survival," <i>Science</i> 281(5381):1322-1326, 1998.
AL	Alessi et al., "The Human CL100 Gene Encodes a Tyr/Thr -Protein Phosphatase Which Potently and Specifically Inactivates MAP Kinase and Suppresses Its Activation by Oncogenic Ras in Xenopus Oocyte Extracts," <i>Oncogene</i> 8(7):2015-2020, 1993.
AM	Ashkenazi and Dixit, "Death Receptors: Signaling and Modulation," <i>Science</i> 281(5381), 1305-1308, 1998.
AN	Evan and Littlewood, "A Matter of Life and Cell Death," <i>Science</i> 281(5381):1317-1322, 1998.
AO	Fauman and Saper, "Structure and Function of the Protein Tyrosine Phosphatases," <i>TiBS</i> 21(11):413-417, 1996.
AP	Groom et al., "Differential Regulation of the MAP, SAP and RK/p38 Kinases by Pyst1, a Novel Cytosolic Dual-Specificity Phosphatase," <i>The EMBO J.</i> 15(14):3621-3632, 1996.
AQ	Guan and Butch, "Isolation and Characterization of a Novel Dual Specific Phosphatase, HVH2, Which Selectively Dephosphorylates the Mitogen-Activated Protein Kinase," <i>The J. of Biological Chemistry</i> 270(13):7197-7203, 1995.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 200125.408C2	APPLICATION NO. 10/658,661
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Ralf M. Luche et al.	
		FILING DATE September 8, 2003	GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BA						
BB						
BC						
BD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION
					YES NO
	BE				
	BF				

OTHER PRIOR ART (*Including Author, Title, Date, Pertinent Pages, Etc.*)

BG	Jia, "Protein Phosphatases: Structures and Implications," <i>Biochimie et Biologie Cellulaire</i> 75(1):17-26, 1997.
BH	Keyse, "An Emerging Family of Dual Specificity MAP Kinase Phosphatases," <i>Biochimica et Biophysica Acta</i> 1265:152-160, 1995.
BI	Keyse and Emslie, "Oxidative Stress and Heat Shock Induce a Human Gene Encoding a Protein-Tyrosine Phosphatase," <i>Nature</i> 359:644-647, 1992.
BJ	Thornberry and Lazebnik, "Caspases: Enemies Within," <i>Science</i> 281(5381):1312-1316, 1998.
BK	Walton and Dixon, "Protein Tyrosine Phosphatases," <i>Annu. Rev. Biochem.</i> 62:101-120, 1993.
BL	Ward et al., "Control of MAP Kinase Activation by the Mitogen-Induced Threonine/Tyrosine Phosphatase PAC1," <i>Nature</i> 367(6464):651-654, 1994.
BM	Zheng and Guan, "Dephosphorylation and Inactivation of the Mitogen-Activated Protein Kinase by a Mitogen-Induced Thr/Tyr Protein Phosphatase," <i>The J. of Biological Chemistry</i> 268(22):16116-16119, 1993.
BN	GenBank Acc. No. AF086553,
BO	GenBank Acc. No. AA479435, June 19, 1997.
BP	GenBank Acc. No. AC004099, June 6, 2000.
BQ	GenBank Acc. No. AK000449, June 22, 2000.

EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered; whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).